Title (en)

METHOD FOR THE PRODUCTION OF RETROVIRAL PARTICLES USEFUL FOR TRANSDUCING EUKARYOTIC CELLS

Title (de)

VERFAHREN ZUR HERSTELLUNG RETROVIRALER VEKTOREN, WELCHE ZUR TRANSDUKTION EUKARYOTISCHER ZELLEN NÜTZLICH SIND

Title (fr)

PROCÉDÉ POUR LA PRÉPARATION DE VECTEURS RÉTROVIRAUX UTILES POUR LA TRANSDUCTION DE CELLULES EUCARYOTES

Publication

EP 2737060 B1 20190306 (EN)

Application

EP 12768898 A 20120726

Priority

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Abstract (en)

[origin: US2013029379A1] The present invention provides viral vector compositions of high titre and purity, as well as methods for production of said compositions. The methods of the invention incorporate multiple features, such as production of viral vector particles in serum free media and multiple harvesting steps following transduction of the producer cell which provides for enhanced production of said viral vectors. The viral vector compositions of the invention, by virtue of their high titre and purity, minimize the deleterious phenotypic changes that typically occur following transduction of target cells, such as loss of a sub-populations of transduced cells, and effects on proliferation, differentiation, reprogramming or functionality of transduced cells.

IPC 8 full level

C12N 7/02 (2006.01)

CPC (source: EP US)

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Citation (examination)

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